#### NEWS OF THE THEATRES

This is a week of interesting productions of comic operas, a realistic drama, a piece described as a "psycho-dramatic sensation," and a variety-farce. "A Mad Bargain," to be given at the Bijou to-morrow night, was writ-ten by John J. McNally, author of several hilarious farces that have enjoyed favor with the multitude; but in this instance he meant to make a comedy, containing no songs or dances, and aimed at a higher mark than he had hit before. James T. Powers was the comedian for whom the piece was to provide a rôle, enabling him to become a "legitimate etor, comical in an artistic way, but permitting himself no horse play or variety tricks. The scheme was praiseworthy, no doubt, but the audience that it encountered would not secept it. They were not content with Mr. Powers unless he sang and danced for . That meant an end to "? Bargain" or else its reconstruction and the latter course was pursued. Therefore, we shall have at the Bljou a farce making no high pretences, but giving to the people what they desire when they go to this theatre of variety formulated into jolly plays. The squeaky voice and nimble legs of Mr. Powers will be as diverting as ever, no doubt, since it is promised that he will sing funny ballads, buriesque Loie Fuller's serpentine dance, and give examples of his always laughable pantomime. His fellow comedian of previous seasons. Peter Dailey, is in the company yet, and so are a lot of girls who sing, dance, and do other sprightly things. It is said that Mr. Powers bought a lot of music in Europe last summer, and has worked it into "A Mad Bargain." One act of the piece represents the five rooms of a New York flat, and the fun is to break out in all of them. The realistic drama to be offered to us is "A Nutmeg Match." at the Fourteenth Street. It was written by William Haworth as a vehicle for the talents of Annie Lewis, a sprightly soubrette, who had gained considerable attention in less conspicuous undertakings. But it does not seem that all the reliance for popular appreciation has been permitted to rest on Miss Lewis, acceptable ough she may prove, for there is a thing in the play no less powerful and resistless than a pile driver, real as can be, operated by gen-nine steam, and made ready to crush the hero's head at a crucial point in his adven-tures. In other words, "A Nutmeg Match" is one more example of the modern American melodrama, in which physical perils are placed above mental dangers, and which have in many instances made fortunes for their owners. These works are in no way immoral, and it may be said that they leave the stage just about where they find leave the stage just about where they find it—neither elevating nor degrading it. It is likely that the pile driver will hit sen hard at the Fourteenth Street. "Yesterday" is a brief play that will precede "Our Club" at Herrmann's to-morrow at the beginning of E. J. Henly's engagement. This is the "psycho dramatic" work mentioned. It contains a dream by an old man—about an experience of fifty years ago, and this vision is to be enacted by Mr. Henly, with a quick change of aspect from age to youth and back again. That will be an interesting experiment, at least, and it should, in connection with "Our Club." fill out the evening's entertainment well.

Comic opera will command a great deal of attention this week by means of new material and a revival. The Duff company will give to "The Basoche" its first American performance at the Casino. The piece got approval in Parislargely by reason of Albert Carro's libretto, which deals originally and very jovially with a once really existent club of Paris students. Ac-

The Academy of Music has a concert by Gilmore's band arranged for to-night, with a number of vocalists and a full chorus. A. H. Sheldon, business manager of the People's, will be enabled by his professional friends to give a show at that theatre this evening. The volunteers are from the variety companies now in town, and they will fill out a long evening interestingly no doubt. The Five A's club of actors will give a show at the Star to-night, their own members and others providing specialties enough for three hours of probably excellent entertainment. The Twenty-second Regiment's Company C will perform "Pinafore" at the theatre in the Manhaitan Athletic Club on Tuesday night, under E. J. Rice's direction, and incidents will be a drill and a hornpipe. George Rid ile is to give readings on five afternoons, commencing next Tuesday, at the concert half of the Madison Square Garden, making selections from standard plays. The benefit for the blind actor, Arthur Moreland, will occur a week from to-night at the Bijou, and the voluntoers are numerous enough already to assure a good entertainment. Joseph Jefferson will deliver a discourse on the drama at Music Hall on Wednesday evening next for the benefit of the kindergarten Association. The cause is worthy, and Mr. Jefferson, who will be introduced to his audience by Carl Schurz, will be sure to talk in an entertaining manner. Into his lecture will be woven some original verses on the Shakespear-Bacon controversy, and a reading of the grave scene from "Hamlet."

The theatres of upper Broadwar are given over to plays of sharply contrasting kinds, but, on the whole, they are both praiseworthy and prosperous. Lent is not depressing them, and the season in that part of the dramatic world is likely to be finished in a general triumph. The Standard has been brought into high regard through its occupancy by Charles Frohman's Comedians and their notable success in "The Sportsman." That latest example of French farce rendered into English has de-French farce rendered into English has developed ample fun to keep its audiences laughing without much intermission. Part of this merry effect is due to the ingenuity and plenty of comic device in the piece itself, and in an equal degree to the skill of the accomplished estors in the cast. It may be said of Joseph Bolland, without any exaggeration, that he fills the place which John Brew held for so many weeks on the Standard's stage by means of almits and quite as remarkable facility as a light comedian. The short play. "The Better Part" precedes "The Sportsman." with Respire Campbell and Frank Cilmore to make its pathos tell. Mr. Gilmore, who was loaned for this purpose by the Lyceum, is to become a member of the Empire stock company next season. Palmer's is victorious with "Lady Windermere's Fan." which is porformed very smoothly and cleverly by the Palmer company. Osear Wilde has written a second comedy of satise on London society, and Mra kendall is to act in it in the British capital; but whether she will be able to make an American tour with it depeads on Charles Frohman, who owns both the Wilde plays for this country, and says he is willing to hire her. The quite respiendent representations of "Twelfth Night" are continued at Daly's, the beautiful sights constituting the chief attraction; but there is carefulness in the softing, along with marked ability here and there. The minor characters and incidental details are managed admirably. May Young, a child dancer, figures in the ballet. The Empire, with its architectural beauties. The Empire, with the beauties in the ballet. The Empire, with a schilestural beauties. The Empire, with the beauties in the ballet. The veloped ample fun to keep its audiences laugh-

a few weeks hence, in Chicago for the summer, and in Boston early in the fall, besides guing on tours with two other companies. The lighth performance of "Americans Abrond" will be reached on Tuesday at the Lyceum. There will be no change at this theatre until after Lent, when a new comedy will be acted, a fortnight before the season closes in New York. On April 17 the Lyceum company will appear in "Americans Abroad" in Chicago, Two of our theatres with capacious starces are devoted to spectacular plays. "Ninety Days" displays its remarkable sights at the Broadway, where the collision between the steamer and the iceberg never falls to thrill the spectators. The ballets are unique, and the introduction of the bassball club in Egypt is a nopular element. "The Biack Crook "spreads its tinssi and gayety, its singers and dancers, over the boards of the Academy of Music, making a great show of its kind. The laughter at Harrigan's is still incited by "The Mulligan Guards Ball," but that play is to be superceded very soon by a revival of "Cordelia" Aspirations," one of Edward Harrigan's well-remembered early successes, in which Mrs. Yeamans will be at the front. The Gooth performance of "A Trip to Chinatown" will be given on March 10, and the management says that no other Hort play has make as much money. A second company has been travelling with it during the winter. In the performances at the Madison Square it is declared that Harry Conor has not sung less than a thousand verses in his sonne, which are varied weekly, and the acreeses of the Widos are not far behind in a count of stanzas. Lloyd Wilson has sung twenty different ballads. There have been three renewals of scenery and five of costumes.

The steadily growing demand for strong plays, enacted by well-balanced companies has not yet impaired the popularity of some of the "stars." One of these fortunate possessors of public regard is William H. Crane, who is able to continue with "On Probation" at the able to continue with "On Probation" at the Star, because, although the play is light and trivial, it contains a central rule in which his individuality has an agreeable license. Mr. Crane is to stay at the Star to the end of the season, and be has another comedy ready for production. Mr. Crane is to play in Chicago during the last months of the Fair. Next season he will revive "The Merry Wives of Windsor" and "Henry Vill." Electora Duse will remain two weeks longer at the Fifth Avenue, and before she departs we shall have the opportunity to judge of her in "Antony and Cleopatra." There will be much curiosity to see her impersonation of the Egyptian Queen, and to compare her performance with those of other eminent actresses. The italian translation of the tagody is accredited to her own pen. In the mean time Duse will devote the Present week to repotitions of "Camille." Bivorcons." "Fedora." "Cavalleria itusticana." and "La Locandiera." At the theatres where the bills are changed weekly the "stars" and the plays seem to share about equally in value, as estimated by the managers in their advertisements. Fun at the Grand Opera House this week will becaused by Robert Gaylor's extravagant and eccentric performance in "Sport McAllister." a wild farce containing songs and dances by Gaylor and his companions. A scene in a gymnasium is one of the play's comicalities. Milton and Dolly Nobles, brisk and clever comedians, remain at the Union Squars with "For Revenue Only." in which har Ivalien Bures in American experiences, is at Jacon's with a combany enagged suitably for it. Nellie Mellenry, the bouncing soubrette, whose honest-heartedness in ioolery is always enjoyable, is at the People's in "A Kight at the Circus," the liveliness of which should be to the liking of the Bowery. J. k. Murray, one of the new and promising crop of Irish comedians, is at the Windsor with "Gien-da-Lough." a drama of the Green Isle, already seen in town. Star, because, although the play is light and The theatrical season has already reached a

point where the weaker ventures begin to fall by the wayside, and the death roll of the unfortunates is lengthening rapidly. The snow storms have made hard work for some of the travelling companies, and many performances are delayed or altogether prevented in the smaller cities. Julius Kahn, an actor, has by reason of Albert Carrés ilbrette, which deals originally and year joivilly with a one really existent dub of Paris students. According to the story invasted by Care, these bone elected the California Logislature and the experises of the graduating flores and the story invasted by Care, the first till introduced by him aims to put actors an apr with wace carners in the same properties. Marie properties are to the state of the carners and the state of the carners in the same properties. Marie properties are in the same properties and the state of the carners and the experises of the graduating the same properties. The same properties are the same properties and the same properties are the same properties. The same respect to company, costume and to be much good of demantics strongth than a carner in the same properties. The same properties are the same properties and the same properties and the same properties and the same properties. The same properties are the same properties and the same properties and the same properties. The same respectively and the same properties are the same properties. The same respectively and the same properties are the same properties. The same respectively and the same properties are the same properties and the same properties. The same respectively and the same properties are the same properties. The same respectively are the same respectively and the same respective been elected to the California Legislature, and the first bill introduced by him aims to put

or's, maintains its ten-hour daily entertainment, made up of dramatic, operatic, and variety specialties. The experiment has turned out well. The doubt about it arose variety specialties. The experiment has turned out well. The doubt about it aroso from the question whether cheap prices could be separated from cheap audiences. The upshot is that througs of women and children go to Proctor's in the daytime, and the audiences in the evening are entirely respectable. The programme for this week names a goodly number of performers invorably known. They under the Bicketts, the four Emperors of Music, the Japanese Kawakamis. Mand Madison, the brothers Clemense, the Farnum brothers, Mille. Texarkansas, the Vertunis, Valeska, Delhaner, Phyllis Buffel, the Millette brothers, Yankee Moore, Bella Yivian, the Bonitas, George W. Anderson, Jassie Farnum, Dan Nash, Girard and Earle, Chevalier Jarrett, Norton and Lester, Delmore and Wilson, Arthur J. Martyne and others. A second resort in West Twenty-third street, favored by women and eniddren, is the Eden Music, where the waxworks constitute a large collection, and the stage entertainment contains specialties in music, jurglery, and necromancy. Count Ressier has gone to Europe in quest of performers and exhibits.

Harlem has a clean American drama that is materialistic and an unclean French drama that is intellectual. "Across the Potomac" is at the Columbus in Harlem, with its battle at the Columbus in Hariom, with its battle scene enlarged by the employment of more soldiers, the firing of more shots, and the exploding of more shells. The increased combustion of gunpowder is rendered possible by using a smokeless compound. It is said that 100 persons are shown in this scene of conflict. "The Crust of Society," which had its full measure of praise for its representation and blame for its indecency, goes to the Harlem Opers House, with a cast adequate to the requirements of Dunas's play, and likely to recommend it to those to whom the work is interesting without offence.

The house which may be fairly regarded as a legitimate variety theatre. Tony Pastor's, enjoys a return of Vesta Victoria, one of the most agreeable of the singers and mimics sent to us from the London concert halls, whose "Daddy Wouldn't Buy Me a Bow-wow" is heard here, there, and everywhere. Other favorites in the week's company at Pastor's are l'aquerette, kelly, the Big Four, and Jessie Mae Hall, and all do their best. Lottie Gilson and Eugene Fougore are still the chief specialists at the Imperial concert hall, where a semblance of intense competition is kept up by them. They are clever balladists of the comic kind, and their songs are not deemed too indelicate by congenial audiences. The rest of the community comprises an assorted collection of variety performers. New in the bill at Koster & Bial's are sitebu and Trapp, accentric pantominists and acrobats from Russia. The electric dance by Dorothy Denning is continued, and so are the French ducts of Delaur and Debrimont, the athletic feats of the three Judges the Parisian songs of Violette, and the buriesque operettes "Orthous" and "The Rehearsal." most agreeable of the singers and mimics sent

# A week hence we shall have the American debuts of Dercuville and Nancy from Paris, and Bell Black from London. It is said that the stage boxes and the cork room at Koster & Bial's are to be abolished soon.

Prof. Sherman's "Caprine Paradox," consisting of feats by a herd of educated goats, is one of the week's wonders at Worth's Museum, along with numerous human curiosities and inanimate objects of interest. Worth's and inanimate objects of interest. Worth's stage is occupied by a full company of specialists in hourly entertainments. Three girls are the new living exhibits at Huber's Museum. They are spotted all over like leopards with black and white. The peculiar coloring is declared to be a genuine freak of nature. Their hairs variegated white and black. Other objects of wondering regard at Huber's are a Japanese troups in a native house, illustrating domestic life in Japan. A new variety company is in the theatre, besides a dramatic cast performing "Life for Life." The wonders at Doris's Museum include the Pugal brothers wrestling bears; a dwarf named Zamara, described as triple jointed and declared to be proof against bothes and legless whittler; Howe, the chest expansionist, and several other human whimsicalities of nature. Two stage shows of drama and variety are given by Doris as usual.

A spectacle entitled "The Wonders of America" will be shown at Music Hall to-morrow night. It consists of a depiction of American natural marvels, including such celebrated things as the Mammoth Cave of Kentucky, the Garden of the Go-ls in Colorado, the Yosemite Valley, the Alaska glaciers, and many views in the Yellowstone National Park. The arts of stagecraft have been drawn upon and the scenes are bound to be equal to anything that has been achieved in dramatic illustration. Garrett P. Serviss, who lectured last winter with the Urania exhibitions of the same general character, isto describe these new pictorial wonders, and he is sure to do it graphically and entertainingly. The exhibition itself will be peculiarly interesting and instructive, providing something pretty close to actual visits to the places shown. The imitations of natural phenomena, such as storm of thunder and lightning around Pike's Peak, a waterfall in the Yosemite Valley, the light of sunset on the snows of Mount Tacoma, the displays of aurora borealis in the arctic region, and the speuting of geysers in the Yellowstone are vividity depicted. The Wonders of America will be repeated for a while at Music Hall, and after that the spectacles of last season may be renewed. Valley, the Alaska glaciers, and many views in

Brooklyn is well off this week as to entertainments at three of its theatres. John Drew is at the Columbia with "The Masked Ball." There has been no change in his company since Charles Frohman made a "star" of him last autumn, and the performances in Brooklyn are precisely like those originally at Pal-mer's, subsequently at the Standard, and still mer's, subsequently at the Standard, and still more recently in Boston. The success of the Drew enterprise has been one of the marvels of the theatrical season, not that it was undeserved, but because it surpassed reasonable expectation. The player current at the ledford Avenue is Jeffreys Lewis, an actress uncommonly combining subtlety and power. She used to be well known to this public, but of late years she has acted almost altogether in California, where she is an especial favorite. She appears in several plays at the Bedford, beginning to-morrow with Belasco's "La Belle Russe," which was a memorable place at Wallack's, and has been used recently by Mies Lewis in San Francisco, the chef role suiting her admirably. The Brooklyn Grand Opera House has the most romantic and picturesque of the new Irish dramas. "Mayourneen," performed by the Pitou company, in the lead of which is Chauncey Olcott, who sings the Scanlan ballads exquisitely, and whose impersonation of the gallant Irish lover is pleasant. A fine and complete outflt of seenery is one of the strong points in favor of "Mayourneen."

It is not often that the doings of amateur ctors are of either artistic account or public interest, but the exercises of the graduating class of the American Academy of Dramatic

## MAYBE THE OLDEST WATCH.

#### Dated Nearly & Century Before the Earlies From the Carem Appeul.

Bated Nearly a Century Before the Earliest Record of Watchamking.

From the Green Appeal.

Sam Longabaugh of Empire has in his possession probably one of the most valuable relies in the country. It is a timepiece in the shape of a watch and bearing the name of "Joseph Davis, London, 1221." The genuineness of the article is unquestioned, and its great value lies in the fact that the earliest record of a pocket timepiece is 1444 and is Swiss.

The Davis watch has been an heirloom of the Swan family for nearly 200 years. It finally came into the possession of Frank Swan, one of the family, who lives in Nevada. He did not appreciate the value of the watch, and gave it to his children to play with, and when Mr. Longabaugh first saw it, about fourteen years ago, the hands had been broken off and one of the three cases within which the works were enclosed was lost. He recognized its value and secured it from Swan. The watch we examined by Tucker, the San Francisco leweller, and after making researches, he pronounced it genuine. More recently Hight & Fairchild of Butte made a search in the misty past, but the earliest date they could find of the watch in question doubtless represents the labor of many years, as it was made entirely by hand, and the tool marks throughout all its parts are plainly visible, and the watch was probably the only one made by Mr. Davis of London. The machinery consists of a large steel halance wheel, which works with a pendulum like a lever, and in place of the modern hair spring is a long steel chain, which winds and unwinds upon pulleys. Another large wheel, the purpose of which is not apparent, looks like a belt wheel on a thrashing machine. The works are protected and held together by a fine ornamental network of brass carved out by hand and riveted together with brass rivets which show plain hammer marks. On the back of the works are enclosed in a silver hand and unwinds upon pulleys. Another large wheel is had a man and a ring of the lace are figures from the soling protected by a rude t

SOME PORMS WORTH READING.

Divine Love. The world is led by unseen power Through darkness, fear, and lights Man's destiny is not obscure, For God in man is right. The inner life indeed reveals

The spirit's sovereignty. In every storm, in error, sin, Is God's divinity. A deeper love than earthly love Stirs in the human soul; It lights the stars, it rules the sea, It reigns from pole to pole.

O brother, live for it alone,

And love is heaven's gate.
J. C. P. Guussine, Unitarian Minister GERRERO, Ill., Feb. 11.

> Pour Prendre Conjay. Her P. P. C: I have it now. And as I take it in, somehow There comes to me a little touch Of keen regret; not very much Perhaps; but then, you know, just now

I should regret, so very much, We were but friends. I don't allow Myself romantic fancies now, Since Time has come along to touch Me with his unpoetic clutch; And yet, with pansies I endow Her P. P. C.

A little's quite too much. I bow

WILL J. LAMPTON.

EDWARD S. CREAMER

The Sparrows. Outside my garret window there's a roof, And there the lively sparrows love to come, These wintry days, eager to get a crumb. Though feathered warm, in brown and gray, not proof are they 'gainst hunger. From a ledge aloof They flurry down, alert and frollesome: And then, again, they're sober-eyed and glum, Anxious that I should give for their behoof. They are abused by some, I freely own; And when I gave food I have seen them flare Away a while, as if they had a fear Of unexpected harm; but ne'er a stone Would I throw at these gossips of the air.

That this dull weather fills with chatty cheer

From the Lindon Academy.

You were a child, and tiked me, yesterday.
To day you are a woman, and perhaps
Those softer-yes betoken the sweet lapse
Of liking into loving: who shall say?
Only I know that there can be for us
No liking more, nor any kisses now
But they shall wake sweet shalle upon your brow,
Sweetly, or in a rose calamitous.

Trambling upon the verge of some new dawn You stand, as if awakened out of steep.

And it is I who cried to you "Artise!"
I who would fain call back the child that's gone, And what you lost for me would have you keep, Fearing to meet the woman of your eyes.

ARTHUE STMOMS.

An Excess of Charity. From the Boston Courier.

I wrapped me about in my swallow tall, Which I've had since Babyion's fall. And forth I strode with a merry heart, and went to the Charity Ball.

The great hall shone with a thousand lights, While its uttermost corner rang with the plaintive pipe of the piccolo And the cymbals' brazen claug.

And the women and men, the women and men:
Ah, they were a sight to see!
As they danced and danced, till ready to drop,
For the sake of aweet charity.

And a great bewildering sense of joy Absorbed my jubliant mind; For I had not thought in these selfish times Such generous folk to find.

But most I was touched by the charity
Of several women fair.
Who had been so generous they'd not left
Enough for themselves to wear.

Society. From the Oalifornia Illustrated World.

Prom the Onliformia Illustrated World.

We live in a very peculiar age,
When Earls take for helpmates the scum of the stage;
With marriage a failure; divorce all the rage;
And when very one seeks notoriety.
Now, if you'll avoid such trouble and strife,
You must take as a model the lights of high life.
Mun you don't even look at another man's wife,
For they never do that in society;
For purity and propriety.
The lastiles, of course,
Aever dream of divorce
In society.

The passion for sambling is growing space;
We trust not in kings, but we worship an ace;
And to have an odd dellar or two on a race
is by no means a great impropriety.
In a country like this it appears rather odd
finst bookmakers are dued or else put into qued.
If you take my advice you'll bet "on the nod,"
For they always do that in society.

Society! Society!
For purity an 'propriety.
They hook all their bets.

And of course pay their debts,
In society.

Our ladies wear costumes both startling and quaint:
They squeeze in their waists till they're ready to faint;
Their innocent faces they powder and paint:
And use that dyes in endiese variety.
And if you would comy the swells of the day.
And rank as a modest young maiden, I pray.
You will not wear your garments too décolleté.
For they never do that in society.
Society' Society' Society'.

For purity and propriety.

Noticity! Society!

For purity and propriety.

Where girls are so shy.

Of course dresses are high

In society.

A Populist Statesman. From the Atlanta Constitution.

Mr. Miller of Wisconsin, he's the very man to win.

He's heiging out the p-opic by the bills he's showing in.

And if they do not like em they will have to sit and

For we're all for Mr. Miller of Wisconsin. He's going to run the country on an economic plan; To make the hotels public: now we wonder if he can And we've come to the conclusion he's the nicest sor of man, And we're all for Mr. Miller of Wisconsin.

Just think of having washing done without a cent to pay: Of eating paid by Government three solid times a day! Now, wouldn't that be glorious? We're happy on the And we're all for Mr. Miller of Wisconsin. and then just think of Congress, that's so fond of lone

When they vote by electricity and shorten up the see aion:
Mr. Miller, Mr. Miller, we are yours beyond expression;
We're all for Mr. Miller of Wisconsin.

## The Consequences,

From the Commercial Gazette.

In these days of evolution when a maid pretends to hate
All the men of God's creation, and she thereby seals her fair.

She will start to lecture boldly on the rights of woman-kind.

While the young folks acrenade her with "The Girl I Lett Behind."

She is called a splendid speaker, for she talks of mar ried lile. And lile impositions wrought upon the poor, hard-working wife: But it was wallissical old spinster has an eager, watchful And is longing for a sweetheart and a marriage on the

She is just the kind of creature who would like to have her voice. In the government of nations: it would make her heart rejuice. For there is some consolation for a poor, old, lonely heart. In political excitement; so she takes an active part. Then she dies unwed and lonely, and in foolish, jealous

apite
Leaves a book on woman suffrage which Her Grace
had dared to write.
And all girls who take example from this uncontented Will be likewise disappointed and chalked on the

Will Yanker Girls Adopt It ! be or not to be we can hear on every hand. The news came o'er the ocean, and spread throughout

would expand.

Oh! lovely woman, tell us is this so ! Don't delay, speak up, dear girls, are you for crinoline? mor says it is a fact, this summer you'll be

op skirts would be in vogue sgain, and dresses

With dresses like a parachuta. Take our advice: Don't Yourselves from And-siècle styles! Go slow! In imagination we can view the difference,

Between the nobby tailor maid, and she inside a fence of mammoth hoops and crinchine with large circum-And then your Delsarte graces they must go. Methinks I hear old maids a singing out in ghoulish glee: ving, fond caresses will no more be given thee.

All men will keep their distances! 'Tie bard, but don't you see. Cae can't be hugged with garments fashioned so. ow, ten seats in surface cars eight lovely women fill. With crincine 'tissafe that three will surely fill the bill.
Oh: Adial, grind your battle axe and hoop-fanatics kill,
Or see that up to Bioomingdale they go.

our shirts, cravate, and collars, our hats and waist You wore them all, we kicked at pants, 'twas there the

Oh! wo'd a never said a word if we had only knew The coming reign of crincitae. Heigh, bo!

QUESTIONS BY SUN READERS.

An esteemed correspondent in Brooklyn inquires by what authority we use the word plutocracy and also platerrat, and what is the literal meaning and definition of the same. Both are respectable and regular English words derived from Greek originals. Plutocracy means, according to Webster. "a form of government in which the supreme power is lodged in the hands of the wealthy classes; government by the rich; also a controlling or influential class of rich men." The same dictionary likewise defines a plus one whose wealth gives him power or induence; one

Here are some corrections and emendations: Nr. A. C. Thompson, who ought to know, inasmuch as he is Secretary of the Senate of the State of New Jersey, writes: "In this State senators and members both receive \$5.00 a year." All right; the Jersey Constitution has been amended, evidently. A legal friend corrects a statement not made in this c. lumn:

"As to Lord Lyaddurat Tar Sev gave his age as 83 years. He died Oct. 15, 1881, aged marriv 92 years. As he was the only Chanceller of Luciant born in America, let us have the benefit of all the lack. E. 6. Another friend, to whom we are continually indebted, sends us this interesting information.

"Replying to Ph. U., the inscription that can be read.

sends us this interesting information:

"Replying to Ph. U., the inscription that can be read
270 weeping fact. It is to be seen carved on a tomb
at the type is fact. It is to be seen carved on a tomb
at the part of the thurch of San satisator in the
city of Ovieto, spain. The tomb is said to have be en
erected by King and. The tomb is said to have be en
erected by King and of Prince of twiceled, or King
of the Asturias, accessed of Prince of twiceled. The
fact is was a contemporary of the risk, and dued is
fact. He was a contemporary of the risk, and their in
inscription must be read continuously to the contemporary.

This letter is from M. T. and here is the luseription:

This letter is troum M. T. and here is the inscription:

TICEFSPECNCEPSFECI
CEFSPECNIROEPSFEC
CEFSPECNIRINCEPSFE
CEFSPECNIRPRINCEPSFE
FSPECNIRPOFRINCEPSFE
FSPECNIRPOLOPRINCEP
FECNIRPOLILOPRINCEP
ECNIRPOLILOPRINCEP
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Two other friends, who do not give the inscription, add that the tomb bears the letters H. E. S. S. S. S. T. L. (or H. S. E. S. S. S. T. L. (or H. S. E. S. S. S. T. L.), the initials of "Hice est Silo situs. or H. S. E. S. S. T. L., the initials of "Hic est Silo situs, sit sibl ierra levis"— Here hes Silo, may the earth he light on him." A. R. M. writes from Albany that "the Scottish Gaeile has a literature, if not of "value" at least of great merit. The Lowland or broad Scotch is not "simply Engish spoken with a Scotch "awkaent." There are many words in it that were never known in English, and whose derivation is different from that of the English equivalent." We will admit the Scottish literature, with an apology for overlooking it last week. As to Scotch in the general acceptation of the term, while it undoubtedly contains many words not English and not understood by Englishmen, its general form is English with variations. We mean no siur upon the Scotch, either Highland or Lowland.

1. Who designed the Columbian dollar? 2. Why was it originated, and upon whose suggestion? 3. How can I obtain a copy of the act under which it was issued? 4. When was the first coin struck? 1. The designer of the Mint, we believe, has confesse 1. The designer of the Mint, we believe, has confessed the crime; he pleads in excuse that he was compelled to commit it. 2. Some fellow thought that Columbus ought to have a coin named for him; then the World's Fair people thought that they could help along the Fair by cornering such coins. So an act of Congress, approved Aug. it. 1892, authorized the coinage of 5,000,000 half dollars "in commemoration of the World's Columbian Exposition," to be turned over to the Fair people on the computation of certain continuous. people on the completion of certain very necessor formalities—such as proof that there was really to be a Fair, &c. 3. In the United States Statutes at Large for 1802 you'll find the act in full: you'll find some of it, also, in the Iribuse Almanac, and more of it in the Chicago Daily Nevs Almanac. 4. We don't know; some time in December, we believe.

We were playing poker dice, and B. who had not been watching, asked: "What's high!" A answered: "Four fours is high!" Was A right, or should be have said; "Four fours are high!" This recalls the famous discussion that broke off the friendship between Mrs. Jurley and Indicy Murray: "What's trumps!" asked the lady, and Mr. Murray, presuming on his friendship between Mrs. Jurley and the charming widow, made the suggestion: "What are trumps!" Then and thereafter friendship ceased. But with Mrs. Jarley to back us, we dare not hesitate to say that A was right. eack us, we dare not besitate to say that A was right English may have its laws and parts of speech, but gambling (in the widest acceptation of the term) has its portions of speech, and hearts is trumps, and four

1. Do not most of the large incoming and outgoing steamers have to lower their masts in passing under the Brooklyn Bridge; 2. Do more people come from Brooklyn (over forries and bridge) than from the whole State of New Jersey to New York daily, and what is the average amount respectively?

1. No; the large steamships do not pass the bridge, and work steaments can be sufficiently steament. and most steamships can pass without trouble. It is the sailing vessel that has to lower her topmasts. 2. We do not know: 41,672,898 persons crossed the bridge in 1892; haif of these doubtless came from Long Island. How many came on the ferries from and to Brooklyn and from and to Jersey we do not know. We thin however, that Long Island takes in more than Jersey.

fours to bigh. Seinh!

Would you state what proportion of the population is male and ismale in the United States and in Europe, and, if known, whether the males or females are in the majority in the total population of the world? W. W.

The census of 1890 gives to the United States 32,007 880 men and 30,554,370 women. The total population of Europe is 360,200,000; of these, taking the proportions of the sexes in the principal countries as a guide, about 167,400,000 are males, and 192,600,000 whole world is not known. In new and uncivilized ountries the males preponderate, and it is estimated that there are in the whole world about 15 males to 1-

I see in this morning's Sux that you can get all kinds of Fake cards in Chicago; but you did not give no address and I would be very Thunkful to you you would give me the address ware in Chicago you would give me the address ware in the flack of the get The Poker Cards That you read the flack of the cards I be very Thankfull to you if you will give me the address Yours Truly

Care of Joe Kurtz 200 Grand at Hoboken.

Queer that we forgot to give the address, wasn't it! In the language of the post, that address it "Not for Joe, Oh dear, no! If he knows it, Not for Joseph." But here's Joe's address, if any one wants to play poke with that enterprising man.

I would like to ask for whose account the United States Government is shipping millions of money in gold to Europe at this time. The United States is shipping no money in gold to Europe; the banks are doing the shipping. They are doing so because their customers owe money in Eu and have to send money there. As the United States and have to send money there. As the United States is keeping gold and silver at par, the Sub-Treasury pays out gold when gold is wanted, and silver when silver is wanted; that is why the gold reserve goes down jiffst now. In time, when gold is sent back to this country, it will increase.

Hasice a uniform temperature, or does it take on the the temperature of the surrounding air at points below freezhar? In other words, is ice subject to all temperatures becow 3.2° i.ahr., and would thus fact he appearance of actional content of the freezhalt revoled in the freenting temperature of actions of the freezhalt freezhalt and suniar blocks of hee from zero atmosphere and atmosphere at 3.2° and Diacting in equal temperatures of bothing water? 3.2°, and does not assume the temperature of the surrounding sasume. assume the temperature of the surrounding points below freezing. The experiment you suggest

Who was lloyle, when did he live, when did he die bow did he become an authority on cards? Edmond Hoyle was born in 1672, and died in 1769, He Edmond Hoyle was born in 1672, and died in 1763, He published his first book, "A Short Treatise on the Game of Whist," about 1742. He was a man of good family, who gave lesson, in whist-playing, Since his time his book has been republished and entarged, and row the title "Hoyle" is applied to any book on card games, and a proverb "according to Hoyle" is common in Great Britain and this country.

J. Jamiem. - Tic.no, or Tessin, is the only Italian can-Melaly.-Thomas Moore, the Irish poet, is buried in Kensal Green Cemetery, London. Learner (R. S. R.) -E. Steiger & Co., 23 Park place.

deal in French books for the clementary instruct chlidren. Seberiter, Perik Ambu. -The office of St George So ciety is at 7 Battery place. We do not know the "Sons St. George.

H. F. Brown -- Pope Pius IX, was never a Mason. Aman named Feretti was a member of a South American lodge, and was expelled for attacking the order; but he was not Mastat Feretti. John Smith. Affany.—D. Appleton & Co., this city, publish books on astronomy. Get Lockyers. "Elements," \$1.50, through any book stora. There seems to

be no paper devoted to astronomy. J. C. M .- County Leifrim, Ire and, touches sait water; in other words, about five miles of it lie along itonegal Bay, between konezal and Sigo. No town of impor-tance is on its coast. Tuliaghan is a village about mid way between the two bounding counties.

Miss J. More.—We don't believe in any " national building association," and we think the association you ask about, in spite of its name, is just such a concern. Lo cal building associations may be rel'abe; probably most of them are; but we never heard of a successfu

Cottage Place -1. The average human skeleton weight one seventh of the entire weight of the livin, about one-sevenin of the entire weight of the living body. 2. Yes, when the enterprising burgar is a-burg-ing a householder is justified in shooting him. 3. The British write a billion thus: 1,000,000,000,000, while we write the sum thus: 1,000,000,000. We follow the reach system; almost every other nation uses the

THE SUN'S SCHOOL FOR CARD PLAYERS.

The card is dead. We have never decided that must be accepted by the player who is drawing. On the contrary, we have many times decided that it cannot be accepted by the player, however much he may want it, not even if it made the one royal flux his life. Before the draw if a card is exposed the player to whom it is dealt must accept it. If more than one card is exposed there must be a new deal.

In your next Sunday's edition will you kindly give the rules governing the playing of the same of "bacca-rat," and grantly oblige.

It requires fourteen pages of the fifteenth edition of the American Hoyle to give the rules of baccarat. The book is published by Dick A Fitzgerald, New York. You can probably buy it from any bookseker. It would take two columns of The Ses to print the rules, and we

Will you kindly decid the following question in your next sunday's issue t. A. B. U. D. R. and F. are posythe draw poker. It is a jackpoin. F. is channe. It passes. B. C. D drop out. E. stays. A draws in research and makes two parts. E does not better and quesses. Fidaves one card and tays it on the table until he can discard. E picks it up an it brows it in the deck, and when F discards he cannot find his drawn card, he shows his four cards, which are better than As five cards, and claims the pot. Is he right? Fe claims that cards speak for themselves, as it was not the faunt touch be lost the card. A claims it is a wead hand, the same as a six card hand.

It's exceedingly tough on F, but A is undonbtedly right. No hand containing either more or fewer that five cards can win at poker when it is called. It is one be oug to him. F can exercise his charity in forgiving his friend, or he might take him out in a dark alley and manhaudle him.

At a game of poker recently A has the age; on picking up his cards he times he has six. He claims a misdral. Heavy A's hand is dead, as he should have discovered the mistake before picking up his cards. Who is right! Another question, which, however, is a side is use? Does A loss the misney he put up as his ante! I says he does, as otherwise the age would pass to him (B), which is against all rules of poker, the age never passing.

1. A's hand was dead. He should have discovered that he had six cards before he picked them up from the table. 2. He loses his aute. The privilege of the age never passes under any circumstances.

A. B. C. and D are playing poker. A deals. In the draw C cails for four cards, and as they are dealt the second one becomes exposed; the dealer thereupon blaces the expused card with the discards, and allo out Da hand before attenting to C. C claims his band should have been fill direct. Please decide. Baws. Clairight, In the graw each band must be filled, beginning with the age and continuing to the left, before the next have reastered. the next player may receive cards.

Please answer the following question in Sunday's sea: A. H. C. and D are playing poker. A deals and I have. All make the ante good except B care, who streps out. Who bets first, C. or D, or, in other words does the privilege of the age revert to the next man! C bets first. The privilege of the age never passe

under any circumstances.

I would like you to decide a point in the game of pinochie (two handed game), diamonds fromps. I take a tirk and meid 150 trumps. I also take the naxt tirk, and having the other king of diamonds in my hand. I want to meld forly fromps with the queen that is on the beard and the other king from my hand. My opponent says I wannot do it. I think I can. It was agreed to leave it to your decision. Francisco.

You can if you have not already melded forty trumps with the king and queen on the board.

To decide a bet please give your decision on the folwith the king and queen on the board.

To decide a bet please give your decision on the following. In a game of encirc, A and H are partners, and U and D are partners. A deals and plays sione, and U and y a sione against A; D encircs A. D claims four points for each ring A, but A claims D is entitled to only two points. Which is correct! L.A.M.

A is right, If A had taken three tricks be would

have scored but one point. D takes the three tricks and scores twice as many. There might be some jus-tice in D's claiming four points if he took the five tricks, but according to the rules he couldn't have them even under that condition. Will you kindly decide for us a point in the game of criboage? A. B. C. and D sit down to piny the game, A and C being partners against B and B, and using Dick's incidence of the game of the game. On the game of the game o

There is no rule to govern this particular point of which we have ever heard, except the rule of common sense. The rule which provides as a penalty for over scoring that the opponent may correct the score and add the same number to his own score, manifestly is not intended to apply to such a score as you cite. The not intended to apply to such a score as you cite. The trouble with B was, not that he pegged toe many (over-scored), but that he started to peg from the wrong place, not having properly set his pegs after finishing the preceding game.

Kindly answer following in your "School for Card Players." In game of draw power (lack pot) all page, around to the dealer, who opens it, dealing himself three cards. Upon picking up his hand he finds he only wants two. Is he obliged to take the three cards that he has drawn, or may be place one back in the deck? F. G.

He must take the three cards. Any player having sked for fresh cards must take the number asked for

In a game of draw poker A opens a jack pot. He draws one card. H wins the pot. A has a "busted flush." containing one jack. He thace up another jack—which he had discarded—showing the two jacks as oneners. B objects that this gives aim the use of six cards, as A would have claimed the pot it everybody had dropped out, and yet he had for a hand only his worthless flush. A, on the contrary, claims the right to open on a pair of jacks, and then discard one of them to draw to anything else, thus winning by his flush, if it was good, or by nis openers—one of them flush if it was good, or by nis openers—one of them discarded—if everybody dropped. Who is right?

J. Port.

A is right. There and probably as many ways of play-ing that hand as there are poker clubs en earth. The right way gives to A the privilege of discarding his odd ack and drawing to the flush. He need not call the attention of any player to his discard, which, however, must be put in its proper place in regular order with the other discards, so that it can be shown after the hand is played out. If B had dropped out A would have been entitled to the pot on his "bobtail flush," and he would have been justified in using Gatting guns and

Two pisyers in a gains of poker both hold straight fushes a say ten high. Would any one of the four suite rank one hand above the other—that is, does any sun have suy particular value above another? Reapes.

 A and B are playing vingt et un. B deals an ex-osed card and A claims another one, which is given. I, A and B are paying vingt even in Boushanes, posed card and A claims another one, which is given, lie is subsequently deal; another exposed card, A caims the card, as he contends that he has the option as to whether he will take an exposed card. Has he?, R, sit, id-aling, deals A an acc, and A's second as d is also an arc. He therefore announces that he has a pair, and will play them separately. The third card dealt A is a ten, and he thus has by the first and third deaths deal him 21. Is thus such a natura as entitles A to both the deal and to be paid double. Do Taxks.

1. He has, If a card is exposed in dealing the player may keep it or rejects it. If he rejects it, it is given to

may keep it or reject it. If he rejects it, it is given to the pool. If the dealer expose one of his own cards he must keep it. 2. It is not. The deal passes, if you are playing that way, but with a natural in a double banthe holder receives only a single state on each.

The following wager was made and decision left to your paper. Four parties are posying hearts. If one of the players get the intreen nearts A contouns that and paper puts up only t drives chip, which are after and taken by the players of divided by the players who may win the heat hind. If contends that the player who lost, to have any interest in the thirteen chips insit put up a bonus besides the thirteen chips lost. Who is correct!

1. V. G. There are no established rules to govern the betting There are no estable believes to govern the betting in the game of hearts, such as there are at poker. It is usual to serife such questions as yours by agreement before the game begins. As the game is commonly played in New York, if a player takes all the hearts be played in New York. If a player takes all the healts he puts up 13 chips and a bonus, usually 2 chips, which makes a pool for e hich he has a show in the play of the next hand. But if such an agreement was not made before your game began, A would put up only 13 chips? which would be divided by the winners of that hand.

I. In four historical eacher, if A makes the trump, calls his partners heat, and pays a lone hand, and is eachered by it, who is also playing a lone hand, what does a country. 2 And if it should take the whose five truck what would be count?

E. V., Figurington, N. J. which would be divided by the winners of that hand

J. to or M. A.?

M. A. wins. The most that can be melded with those cards in a two-handed game is 220. In a three or four handed game it is possible to meld 240 with them.

In the game of poker, where straights and flushes count, which hand wins three of a kind or a straight L. W. Man. The straight, unless it's "busted."

Please decids the following in your Sunday's issue: Cribouge: A plays a king B a 4. Unjack, A a 4. B can-not play; then to plays a 2 and claims a run of 2. S. 4. Jose Cont. No. A player is entitled to a run only when the cards played consecutively are such that any arrangement of them will form a sequence. The jack broke the sequence in your case beyond repair

in a game of suchre known as calling on the ace, says to "ration the ace of tromps and that only?" I says to "cai on my a c that such the hands, but no on the ace of trumps." Which is correct?

Evidences of Morality. Upson Downes and York is certainly growing moral.
Rowne de Boul-1 should say so. When a fellow goes out for a night he meets no one but preachers and sunday school teachers. NOTES ON SCIENCE AND INDUSTRE.

Some very pleasing effects are now produced by the new French process of decorating various objects by the application of a coating of enamel and of metal, or of two layers of enamel of different shades. To obtain the de-sired result, only those articles are treated the reliefs of which are as much as possible on the same plan, the work being thus rendered less difficult and less costly. In carrying out enamelled with the required shade, and the casting is then passed to the file wheel, which removes the enamel from the reburnisher, which polishes the reliefs; the first part of the manipulation finished. the article is taken to a nickol, copper, or other metallic bath, the metallic deposit adhering, of course, only to the burnished surfaces. In this way a casting is obtained with the indentations enamelied and the reliefs copper plated and nickel plated. Ac. as the case may be, or even simply polished, the result being a very satisfactory imitation of walnesoting. Another embellishmont may be precured by first enamelling and glazing the object, as indicated above, repassing it through the furnace, and then applying a second coating of transparent enamel of a shade different from that of the primary layer. It is apparent from this description that the indented portions having two coats of enamel, and the relief parts only one, the surface of the exating would present, from its diversity of tones, a very attractive appearance. the article is taken to a nickel copper, or

The new method of recording wind phenomens, which has now for some time been in use at the Odessa observatory, has accomplished very satisfactory and useful results. By means of this simple apparatus the direction and velocity of the winds are alike marked on a cylinder by one symbol. The record consists in this case of arrows, which are printed on the paper covering the cylinder, on the paper covering the cylinder, their position showing the direction of the wind, and the number of them marked on a length of paper corresponding to one hour furnishes data for finding the velocity by an empirical scale, the special value of the readings being determined by an anemometer. The recording apparatus is actuated by clockwork, and the indications are made with great readiness and accuracy by electrical contacts, which are produced by a battery ceil, the duration of this contact depending on the velocity of the wind-a light wind producing, of course, a contact of longer duration than a strong one.

An improved loom, lately constructed, has received much attention from manufacturers, presenting, as it does, various new and special features of such a character as qualify it for the production of perfect cloth, at the same time being easily handled by the weav-er. While the speed is very high, the loom ocer. While the speed is very high, the loom occupies no more space in the mill than the common style of plain looms, and yet has room for
operating the largest number of harnesses
that can be handled with a "dobby" or
"witch" motion; this is a point particularly
appreciated at the present time by manufacturers, as the demand for odd goods and
fancy patterns is constantly on the increase,
and the loom in question does not limit the
extent of fancy weaves, while possessing also
speculiar adaptation for plain weaver; and arrangements for producing time broad silks are
included. Technically described, the loom exhibits a forty-two-inch twenty-harness dobby,
and the goods have a tape selvage.

Still another device for ventilating or disinfecting apartments has been placed before the English public, the arrangement being, in ome respects, decidedly novel. There is fitted in the upper portion of the apparatus a fan or bellows actuated by a spring or other sultable motive power for rapidly revolving the fan, the effect being to drive a current of air briskly upon the surface of the liquid stored at the base. This liquid may consist of any disinfectant or water of any kind which may be considered necessary in the form of vapor, and then passes through a tube into the apartment. A sponge saturated with perfume or disinfectant is so placed in the liquid container that the air receives the perfume, or disinfectant, after it has been purified and cleansed from dust insects, &c., before being received by the occupants; or, instead of placing the sponge or other medium for carrying the material required to be diffused within, a separate chest may be placed in the upper part of the liquid container. A case for the liquid is connected with the fan or bellows chamber by a rube, which passes to the surface of the liquid. When the fan is in operation the air is driven through the pipe into the liquid container; this disturbs the liquid by causing a hollow place and waves to be made on the surface of the liquid, and the air becomes deprived of particles of dust and other substances which it contains, and may be scented or disinfected by the medium employed for carrying the material. considered necessary in the form of vapor.

Pneumatic tubes, such, for example, as are now so largely employed in bicycle construction, are now filled by means of multiplied pressure, a machine having been contrived for the purpose. A series of rubber bulbs, which fit inside of the tire, is so arranged that the outlet of the first is on the under side of the rim, and connected with the first bulb is a rim, and connected with the first bulb is a valve which allows the air to be sucked in, but not to escape; the air is transmitted to the second bulb, and from that to the third, and so on, until it thally empties into the tire. filling it up with air until it is of great solidity. It is impossible for the tire to burst, as there is an exhaust valve which can be gauged to blow off at a pressure of from one to forty pounda. Although the tire may become punctured, enough air can be pumped in to keep it solid, the air pressure being increased every time the wheel revolves.

Among the more recent industrial applications of Portland cement is its substitution for rubber and asbestos preparations in the packing of steam joints, the fact appearing, from extensive practical trials, especially in Germany, that such packing is quite as efficient as those which have hitherto been relied upon. while its cost is very much below the latter. In practice, the cement is made into a paste In practice, the cement is made into a paste with water and spread in a layer from one-filth to one-half inch thick over the surface of the metal, and the plate or cover to be fixed is now placed in position, and the screws simultaneously screwed down very slowly. After the layer has been compressed to about one-cighth of an inch in thickness, the screwing is suspended and the cement allowed to harden for four hours: the screws are then turned further and the edges plastered again with cement. The joint is completed in about eight hours after the making of the cement.

For producing the beautiful two-colored effects now so much admired in figured fabrics of silk and wool, in which the pattern is either made to stand out in the wool or in the silk. some of the most ingenious processes are required, and the principal substantive colors which may be used for the purpose of producing either color or double effects have been determined only by the finest and off-repeated experiments. It is now definitely shown that experiments. It is now definitely shown that the colors which dye both silk and would the colors which dye both silk and would the colors which have orchil, turmeric, safranine, rhodamine, auramine, quinciline yellow, azedlavin, alkall blue, diphenylamine blue, Victoria blue, and Blemarck brown. The colors which have more affinity for silk are ordinary magenta, napirally affinity for silk are ordinary magenta, napirally so this anilone blue, souble blue, methylice blue, iodine green, malachile green, and nigressine. Of those which have more affinity for wording, in the safety of the sample of cosin, crythrosin roccellin, xylidine scarlet, orange, fast yellow, chrysoin, marroon, hordeaux, acid green, and naphthol black. The colors which, at boiling point, dye the wood only, are include, carmine, cochineal, acid magenta, naphthol scarret, picric acid, naphthol yellow, and tartrazine. Many beautiful effects, however, are produced by a sultable combination of these different dyes, either in one lath or by first dyeing and subsequently treating with boiling water.

Mechanical devices in the manufacture of shoes are claimed to have reached their ideal ingenuity in a recently invented contrivance for attaching heels to boots and shoes by driving staples from the inside through the inner sole, the counter and the outer sole, and nearly through the heel, the points of the staples reaching into and nearly through the top lift-thus, if desired, leaving the shoe heeled with a blind lift by the first and only operation of attaching. If it is desired to slug the heel, the apparatus is provided with a mechanism for driving slugs intentie top lift at the instant of attaching the heel to the shoe. The staples being thus driven from the inside, their crowns are left embedded in the inner sole entirely below its surface and the inner and outer soles and the counters are drawn firmly together, making a most perfect heel seat. By other methods, as is well known, the heel seat has to be made first so as to insure a tight joint at the tout of contact between the heel and the outer sole, and to provide something solid five which the heel may be attached by the points of the mails. The claim is therefore put forward that, in the manufacture of boots and shoes, this nechanical wonder supplies the place of the heel-seating machine, the attaching machine, and the slugging machine—in fact, performing the whole work at one operation, and simultaneously. heeled with a blind lift by the first and only